## PART B - FEE(S) TRANSMITTAL

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SMALL ENTITY

NO

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Novartis Institutes for BioMedical Research 220 Massachusetts Avenue

Cambridge, MA 02139

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

| Michael L. Corman | (Depositor's name) |
|-------------------|--------------------|
|                   | (Signature)        |
| 10 August 2010    | (Date)             |

TOTAL FEE(S) DUE

\$1810

DATEDHE

08/13/2010

|                 | 10 August 2010 |                      |                     |                  |  |
|-----------------|----------------|----------------------|---------------------|------------------|--|
| APPLICATION NO. | FILING DATE    | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |  |
| 10/578.826      | 11/20/2006     | Guido BOLD           | 33484-US-PCT        | 5256             |  |

DUBLICATION FEE

\$300

TITLE OF INVENTION: APPLN, TYPE

nonprovisional

Number is required.

| EXAMINER   | ART UNIT   | CLASS-SUBCLASS   |                         |
|--|------------|--|-------------------------|
|  |            | ·  |                         |
| Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  Change of correspondence address (or Change of Correspondence).                                   |            | <ol> <li>For printing on the patent front page, list</li> <li>the names of up to 3 registered patent<br/>or agents OR, alternatively,</li> </ol>                       | attorneys 1 Novartis AG |
| Address form PTO/SB/122) attached.  The Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. | ation form | (2) the name of a single firm (having as a registered attorney or agent) and the names 2 registered patent attorneys or agents. If no listed, no name will be printed. | of up to                |

ISSUE FEE

\$1510

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Novartis AG Basel Switzerland

| Please check the appropriate assignce category or categories | (will not be printed on the patent): | ☐ Individual | $\square$ Corporation or other private group entity | ☐ Government |
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| 4a. The following fee(s) are enclosed:                       | 4b. Payment of Fee(s):               |              |   |              |

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a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. → b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application definition of the interest as shown by the records of the United States Facts and the Interest as shown by the records of the United States Facts and Tanderink Office.

Authorized Signature /Mark E. Baron/ Date 10 August 2010 Typed or printed name Mark E. Baron Registration No. 46.150

This collection of information is cognized by 3 CFR 1.211. The information is required to obtain or retain a benefit, by the public which is to file fund by the USPTO approach an application. Confideration is presented by 3 USC 1.12 and 3 CFR 1.14. This collection is estimated as the CP infrates to complete, including public, including public, including the complete application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete which is form and/or suggestionic for certaining this burden, should be seen to the Chief Information Officer, US. Pass rander (US. Department of Commerce, PO. Box 1450, Alexandria, Virgenia 2213-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virgenia 2213-1450.

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